

1-20-04

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
15636.11

In Re Application Of: **Graham D. Wall**

Serial No.  
10/674,846

Filing Date  
September 29, 2003

Examiner  
Unassigned

Group Art Unit  
Unknown

Title: **METHOD FOR AN ENTROPY FILTER ECHO PROCESSING IN TIME-OF-FLIGHT OR LEVEL MEASUREMENT**



Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
15636.11

In Re Application: **Graham D. Wall**

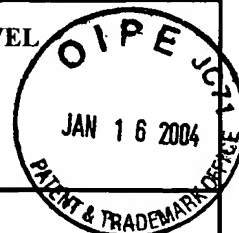
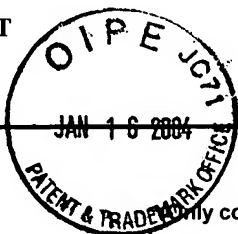
Serial No.  
10/674,846

Filing Date  
September 29, 2003

Examiner  
Unassigned

Group Art Unit  
Unknown

**METHOD FOR AN ENTROPY FILTER ECHO PROCESSING IN TIME-OF-FLIGHT OR LEVEL MEASUREMENT**



**Payment of Fee**

Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

\_\_\_\_\_  
Signature of Person Mailing Correspondence

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

R. Burns Israelson  
Signature

Dated: January 16, 2004

**R. Burns Israelson**  
**Attorney for Applicant**  
**Cust mer No. 022913**

CC:



PATENT APPLICATION

Docket: 15636.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)	
	Graham D. Wall	)	
Serial No.:	10/674,846	)	Art Unit
Confirmation No.	Unknown	)	
Filed:	September 29, 2003	)	
For:	METHOD FOR AN ENTROPY FILTER ECHO PROCESSING IN TIME-OF-FLIGHT OR LEVEL MEASUREMENT	)	
Examiner:	Unassigned	)	

EXPRESS MAILING LABEL EV 381917535 US


CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Box: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated this 16 day of January 2004.

- Transmittal for Information Disclosure Statement (2pg.)
- Information Disclosure Statement (2pgs.)
- Form PTO-1449 (2 pgs.)
- Postcard

Respectfully submitted,

  
Kimberly Kendrick  
Paralegal to R. Burns Israelsen



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Graham D. Wall

Serial No.: 10/674,846

## Art Unit

Confirmation No. Unknown

Filed: September 29, 2003

For: METHOD FOR AN ENTROPY FILTER ECHO )  
PROCESSING IN TIME-OF-FLIGHT OR LEVEL )  
MEASUREMENT SYSTEMS )

Examiner: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, patent applications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed references are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

The accompanying Form PTO-1449, notifies the Examiner of the specified related pending U.S. patent applications listed therein. This notice is not an admission that the claims of the present application and the claims of the specified related pending patent applications are substantially similar or that the specified related applications represent prior art with respect to the present application.

DATED this 16 day of January, 2004.

Respectfully submitted,



R. BURNS ISRAELSEN  
Attorney for Applicant  
Registration No. 42,685  
Customer No. 022913

RBI: kk  
W:\15636\11\KKK0000001621V001.doc

EXPRESS MAIL LABEL NO.: EV 381917535 US

Form PTO-1449

Sheet 1 of 2

Applicant: Graham D. Wall

Serial No.: 10/674,846

Att'y Docket No.: 15636.11

Filing Date: September 29, 2003

Confirmation No. Unknown

For: METHOD FOR AN ENTROPY FILTER ECHO PROCESSING IN  
TIME-OF-FLIGHT OR LEVEL MEASUREMENT

---

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

Related U.S. Patent Applications

<u>Inventor(s)</u>	<u>Application Number</u>	<u>Filing Date</u>
Adam Lomas	10/674,614	September 30, 2003
Marian Jozef Walter Slezak	10/675,331	September 30, 2003
Frank Daigle	10/672,582	September 25, 2003
Quinton Lyon	10/683,198	October 10, 2003

U.S. Patent Documents

<u>Examiner</u>	<u>Patent</u>	<u>Issue/Publication</u>	<u>Filing</u>	
<u>Initial*</u>	<u>Number</u>	<u>Date</u>	<u>Name</u>	<u>Date</u>
NONE				

Foreign Patent Documents

<u>Examiner</u>	<u>Document</u>	<u>Publ.</u>	<u>Country or</u>	<u>Sub</u>	<u>Trans-</u>	
<u>Initial*</u>	<u>Number</u>	<u>Date</u>	<u>Patent Office</u>	<u>Class</u>	<u>Class</u>	<u>lation</u>
NONE						

Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

Examiner  
Initial\*  
NONE

---

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





EXPRESS MAIL LABEL NO.: EV 381917535 US

Form PTO-1449

Sheet 2 of 2

Applicant: Graham D. Wall

Serial No.: 10/674,846

Att'y Docket No.: 15636.11

Filing Date: September 29, 2003

Confirmation No. Unknown

For: METHOD FOR AN ENTROPY FILTER ECHO PROCESSING IN  
TIME-OF-FLIGHT OR LEVEL MEASUREMENT

---

### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\15636\11\KKK0000001623V001.doc

---

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.